heat generated from geothermal energy in hot dry rock. One award is anticipated to be made for a multi-staged, multi-year cooperative agreement, requiring a team composed of a resource owner, developer, operator, and customer for the energy. DOE anticipates that $1,500,000 will be available for the support of activities during the first year of the project with future annual budget allocations ranging from $1,500,000 to $8,000,000. The funding does not include the applicant's cost share.

Background

Geothermal energy is found at depths everywhere in the world in the form of heat stored in rock which is not but essentially dry. Advanced technology to extract the geothermal energy from this hot dry rock has been under development for over 20 years. The technology entails circulating water through a man-made geothermal reservoir to extract thermal energy and bring it to the surface for recovery and use. Several studies have estimated that geothermal energy from hot dry rock could be used to produce electricity at costs of $0.05–0.07 per kWh at numerous high gradient locations located in the western United States and overseas, there appear to be no technical impediments to the commercialization of hot dry rock technology.

On September 14, 1993, DOE/AL issued a Notice of Program Interest to obtain a preliminary indication of interest by private and non-federal public organizations in cost-sharing a project to develop and operate a demonstration plant to generate and market electric power or heat from hot dry rock geothermal energy. On September 7, 1994, a Commerce Business Daily announcement was published for the intent to issue a solicitation. DOE/AL received responses from a number of diverse organizations which constitute the initial mailing list for the solicitation. On the basis of this expressed interest, the solicitation was issued December 28, 1994 with a closing date of March 28, 1995 for receipt of applications.

Purpose

This notice is issued to announce the issue of hot dry rock geothermal energy systems solicitation.

Issued in Albuquerque, New Mexico on January 26, 1995.

Richard A. Marquez,

Assistant Manager for Management and Administration.

[FR Doc. 94–3021 Filed 2–66–94; 8:45 am]

BILLING CODE 6450–01–M

Financial Assistance; Industrial Heating Equipment Research Program

AGENCY: Department of Energy.

ACTION: Notice of Availability of a Federal Assistance Solicitation for Cooperative Agreement Proposals (FASCAP).

SUMMARY: The U.S. Department of Energy (DOE), pursuant to the DOE Financial Assistance Rule, 10 CFR 600.9, announces the availability of a solicitation, FASCAP No. DE–PS02–95CE41122, for the Industrial Heating Equipment Research Program.

FOR FURTHER INFORMATION CONTACT: Susan Borthwick, U.S. Department of Energy, Chicago Operations, 9800 S. Cass Avenue, Argonne, IL 60439, (708) 252–2377.

SUPPLEMENTARY INFORMATION: The U.S. Department of Energy (DOE) plans to issue a Federal Assistance Solicitation for Cooperative Agreement Proposals (FASCAP), February 27, 1995, for the Industrial Hearing Equipment Research Program. The program has the following objectives: (1) To improve industrial energy use efficiency and productivity in heating and combustion for process heat by at least 20%; (2) to improve and increase the use of waste-source fuels; (3) to reduce the national environmental impacts of industrial wastes that results from less efficient production and delivery of process heat; and (4) to lower the industrial production costs and improve the competitive position of U.S. industry relative to foreign-based industry.

The areas of interest of the Solicitation are centered on four main targeted areas that economically conserve energy while minimizing or reducing waste materials. They are (1) optimization of heat transfer to furnace loads, (2) development of adjustable co-fired combustors/combustion chambers for converting industrial waste to process heat or electric power, (3) development of low-cost combustion controls for improving efficiency of multi-burner boilers and industrial furnaces, and (4) high temperature (Order of 2000 °F) particulate removal system for application to solid-fueled gas turbines. The work covered by the Solicitation is expected to be applicable to the industries that are high consumers of hearing fuel. Applicants must demonstrate that the proposed technology can economically accomplish more energy efficient and environmentally acceptable production, that the proposed technology, if implemented, can result in 20 percent energy efficiency, and that DOE funding is necessary for development and ultimate commercialization of the proposed technology.

Each research project will consist of up to three phases: Phase I, R&D Definition; Phase II, Development; and Phase III, Demonstration Testing and Commercialization Planning. If one or more of the initial phases or their subparts has already been performed, the applicant may propose a project for only the uncompleted phases; however, the proposal must fully document and demonstrate that the previous phase(s) have been successfully completed. The estimated DOE funding for GFYs 1995 and 1996 is $725,000. A minimum of 20 percent cost sharing (non-federal) is required for Phases I and II and 50 percent for phase III of the project. The resultant agreement will be managed by the DOE, Chicago Operations Office. The period of performance may vary, depending on the project, from one to six years. Proposals will be due by April 17, 1995. If you are interested in receiving the FASCAP, contact Susan Borthwick at the above address or phone number, or Dorothy Pitts at (708) 252–2501. All responsible sources may submit a proposal which will be considered.

The solicitation is subject to the Energy Policy Act, P.L. 102–486, 42 U.S.C. 13525. Section 2306 imposes eligibility requirements on companies seeking financial assistance under titles XX through XXIII of the Act. A company shall be eligible to receive financial assistance under titles XX through XXIII of the Act only if the Secretary finds that the company's participation in any program under such titles would be in the economic interest of the United States, as evidenced by investments in the United States in research, development, and manufacturing (including, for example, the manufacture of major components or subassemblies in the United States); significant contributions of employment in the United States; an agreement with respect to any technology arising from assistance provided under this section to promote the manufacture within the United States of products resulting from that technology (taking into account the goals of promoting the competitiveness of United States industry), and to procure parts and materials from competitive suppliers.

Issued in Chicago, Illinois on January 27, 1995.

Timothy S. Crawford,

Assistant Manager for Human Resources and Administration.

[FR Doc. 95–3022 Filed 2–6–94; 8:45 am]

BILLING CODE 6450–01–M